

Converting Colors

Hex(C4E217)

Have a look what the booklet for
Hex(C4E217) contains.

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Color

Hex(C4E217)

Conversions

Conversions Part 1

Format	Color
Hex	C4E217
RGB	196, 226, 23
RGB Percent	77%, 89%, 9%
CMY	0.2314, 0.1137, 0.9098
CMYK	0.13, 0.00, 0.90, 0.11
HSL	69°, 82%, 49%
HSV	69°, 90%, 89%
XYZ	50.1160, 66.1903, 10.9452
YIQ	193.8880, 47.2830, -69.4930

Conversions

Conversions Part 2

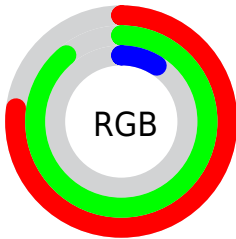
Format	Color
R _{YB}	23, 226, 53
Decimal	12902935
CIE Lab	85.09, -31.81, 81.31
CIE LCh	85, 87.306, 111.366
Yxy	66.1903, 0.3938, 0.5202
Android (android.graphics.Color)	4291093015 (0xFFC4E217)
YUV	193.8880, -84.2478, 1.8522
Hunter-Lab	81.3574, -32.4200, 48.9738

Details

The Hex color **C4E217** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **3517E2**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF60**, and **89AB00** is the 20% darker color. If you saturate the color by 10%, you get **C1E200**, and if you desaturate by 10%, it is **C7E22E**.

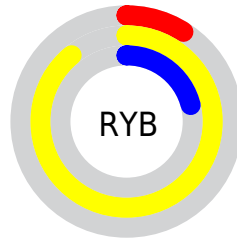
Distribution



Red (77%)

Green (89%)

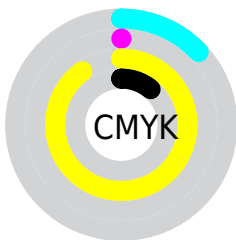
Blue (9%)



Red (9%)

Yellow (89%)

Blue (21%)

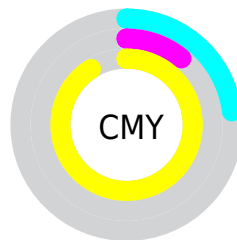


Cyan (13%)

Magenta (0%)

Yellow (90%)

Black (11%)



Cyan (23%)

Magenta (11%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4E217 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C4E217 by changing the saturation by 10% instead.

 C4E217

 C4E217

FFFFFF

 A6C600

 FFFF60

 89AB00

 FFFF7D

 6D9000

 FFFF9A

 507600

 FFFFB8

 335E00

 FFFFD5

 154600

 FFFFF3

 002F00

 001A00

 000000

 C4E217

 C4E217

 C1E200

 C7E22E

 CBE244

 CEE25B

 D1E271

 D5E288

 D8E29F

 DBE2B5

 DFE2CC

 E2E2E2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFC804



C4E217



54F266

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C4E217



00F5FF



FF84F0

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C4E217



3517E2

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA3FF



C4E217



00E5FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C4E217



00FBFF



A3C9FF



FF869E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C4E217



00F89D



A3C9FF



FF8CFF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C4E217



F5FFBA



E23217



798057



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C4E217



D9FF00



61E217



6F7065



96B000



293000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3517E2



2600FF



9817E2



676570



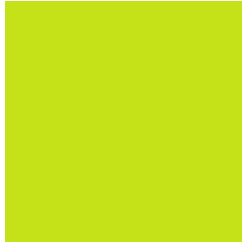
1A00B0



070030

Previews

White Background



This preview shows how the Hex color C4E217 looks on a white background.

Color Contrast Check

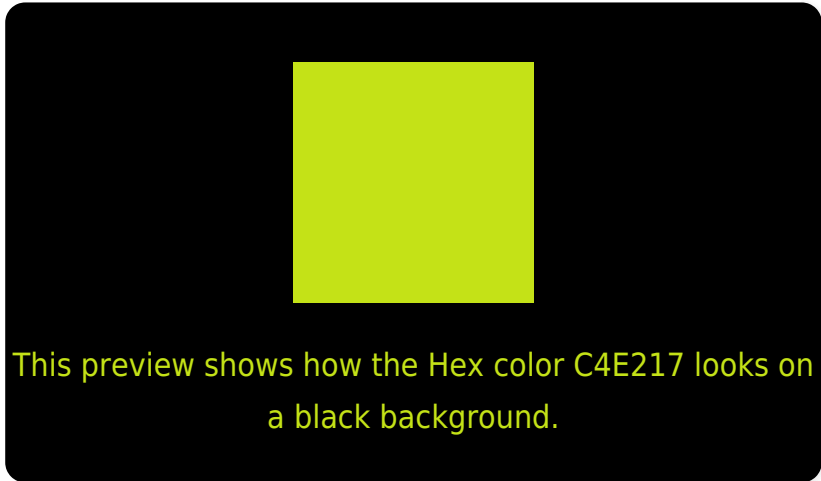
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C4E217 Background



This preview shows how black text looks on a background with the Hex color C4E217.

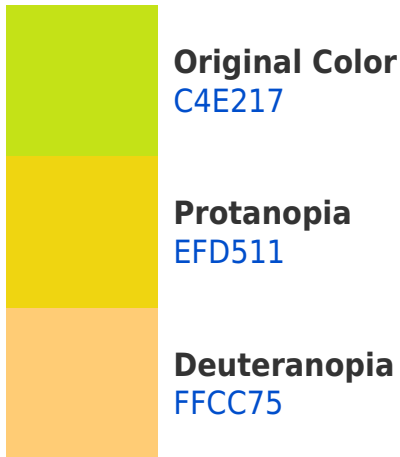


This preview shows how white text looks on a background with the Hex color C4E217.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

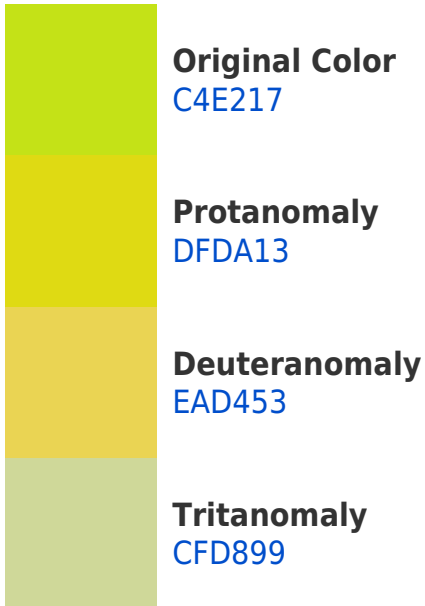
Dichromacy



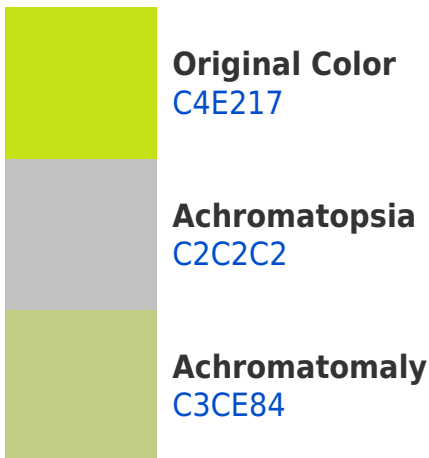


Tritanopia
D5D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4E217 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C4E217 looks like.

```
.text, #text, p{  
    color:#C4E217  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C4E217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4E217
}
```

Border

The CSS property to change the border of an element to Hex C4E217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4E217 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C4E217 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C4E217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4E217; -webkit-box-shadow:4px 4px  
4px 4px #C4E217; box-shadow:4px 4px 4px  
4px #C4E217 }
```

Background

The CSS property to change the background color of an element to Hex C4E217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4E217 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C4E217 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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